

WHAT IS CLAIMED IS:

1. A backlight module, at least comprising:

an outer frame;

a bottom frame movably coupled within the outer frame, wherein the

5 bottom frame can be separated from the outer frame when the backlight
module is inverted;

an upper frame movably coupled within the outer frame and disposed
above the bottom frame;

a reflector disposed under the upper frame and on the bottom frame,

10 wherein the reflector can be removed after the bottom frame is separated from
the outer frame; and

at least a light source disposed under the upper frame and above the
reflector, wherein the light source can be exchanged after the reflector is
removed.

15 2. The backlight module according to claim 1, wherein the process of
exchanging the light source comprises:

inverting the backlight module and separating the bottom frame from

the outer frame;

moving the bottom frame and the reflector sequentially; and

exchanging the light source.

3. The backlight module according to claim 1, wherein the backlight

5 module further comprises:

a light guide plate disposed under the upper frame and above the reflector functioning to guide the light reflected by the reflector;

at least a lamp holder which is within the upper frame and is adjacent to the light guide plate functioning to house the light source;

10 a multilayer optical film disposed above the lamp holder and the light guide plate within the upper frame, wherein the multilayer optical film functions to filter the light guided by the light guide plate; and

a display panel disposed on the upper frame and the multilayer optical film within the outer frame, wherein the display panel functions to receive the
15 light filtered through the multilayer optical film so that the image is visible when the light reaches and penetrates the display panel.

4. The backlight module according to claim 3, wherein the display panel

is a liquid crystal display panel.

5. The backlight module according to claim 1, wherein the light source is a cold cathode fluorescent lamp (CCFL).

6. A process of changing a light source in a backlight module, wherein
5 the backlight module at least comprises an outer frame, an upper frame, a bottom frame, a reflector and a light source; the upper frame and the bottom frame are movably coupled to each other within the outer frame; the outer frame is disposed above the bottom frame; the reflector is disposed under the upper frame and on the bottom frame; the light source is disposed under the
10 upper frame and above the reflector, comprises:

inverting the backlight module and separating the bottom frame from the outer frame;

removing the bottom frame and the reflector sequentially; and

exchanging the light source.

15 7. The process of changing the light source in a backlight module according to claim 6, wherein the backlight module further comprises:

a light guide plate disposed under the upper frame and above the

reflector functioning to guide the light reflected by the reflector;

at least a lamp holder which is within the upper frame and is adjacent to the light guide plate functioning to house the light source;

5 a multilayer optical film disposed above the lamp holder and the light guide plate within the upper frame, wherein the multilayer optical film functions to filter the light guided by the light guide plate; and

a display panel disposed on the upper frame and the multilayer optical film within the outer frame, wherein the display panel functions to receive the light filtered through the multilayer optical film so that the image is visible
10 when the light reaches and penetrates the display panel.

8. The process of changing the light source in a backlight module according to claim 7, wherein the display panel is a liquid crystal display panel.

9. The process of changing the light source in a backlight module
15 according to claim 6, wherein the light source is a cold cathode fluorescent lamp (CCFL).